

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037498.D
 Acq On : 24 Oct 2018 6:22
 Operator : JU/SJ
 Sample : J5623-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101918-SIDI-F-D-B

Quant Time: Oct 24 08:53:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

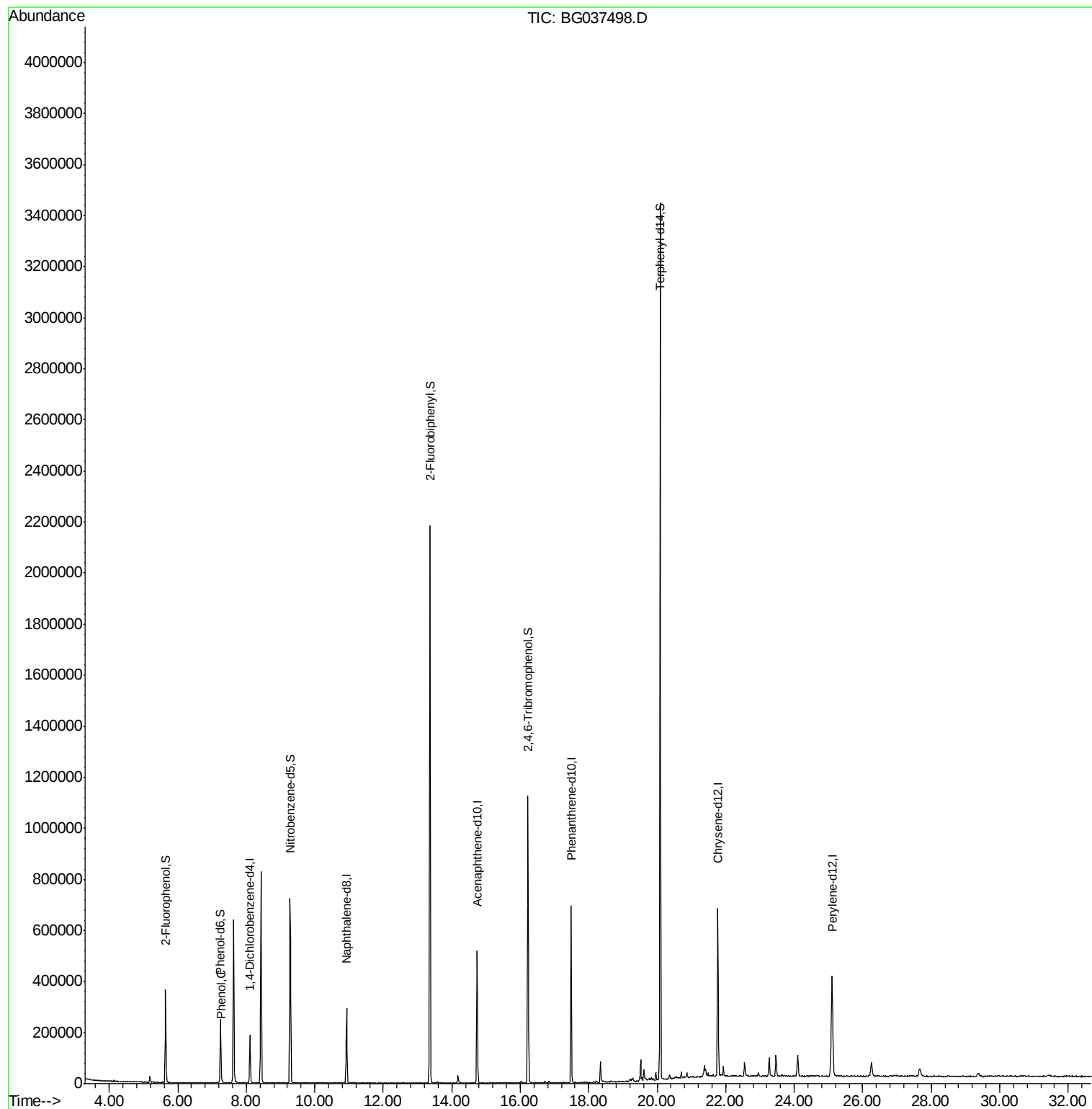
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56620	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	265489	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	178722	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	448078	20.00	ng	0.00
76) Chrysene-d12	21.77	240	403997	20.00	ng	0.00
87) Perylene-d12	25.11	264	408618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	168900	49.87	ng	0.00
7) Phenol-d6	7.25	99	158526	30.96	ng	0.00
23) Nitrobenzene-d5	9.28	82	465603	98.24	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	204522	104.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1165399	98.33	ng	0.00
79) Terphenyl-d14	20.09	244	1558595	82.44	ng	0.00
Target Compounds						
10) Phenol	7.27	94	13550	2.508	ng	Qvalue 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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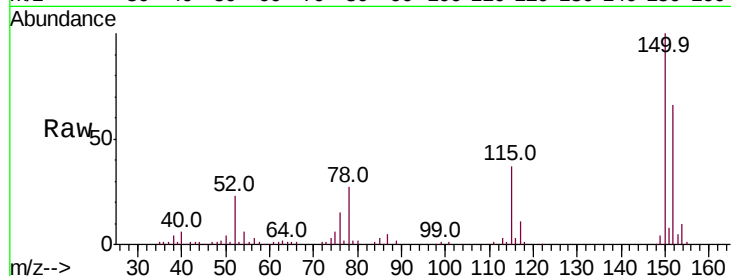


#1

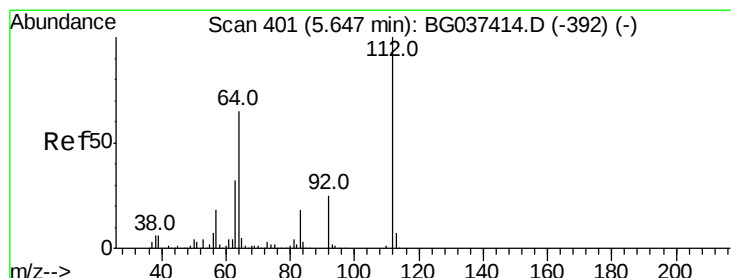
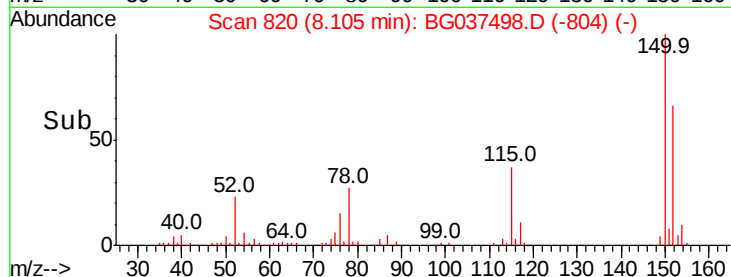
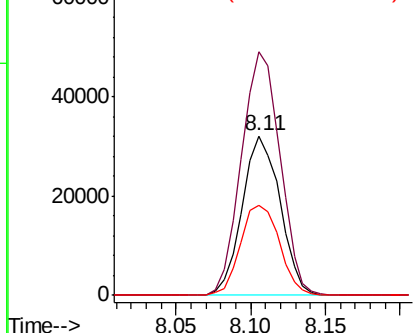
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037498.D
Acq: 24 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :
101918-SIDI-F-D-B

Tot Ion:152 Resp: 56620
Ion Ratio Lower Upper
152 100
150 152.6 126.0 189.0
115 56.5 45.5 68.3



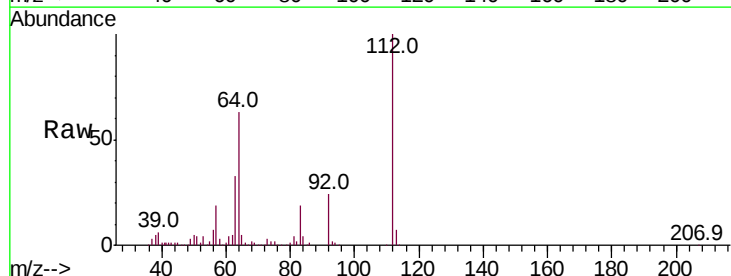
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



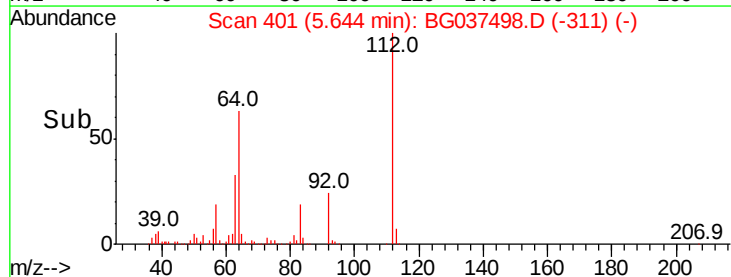
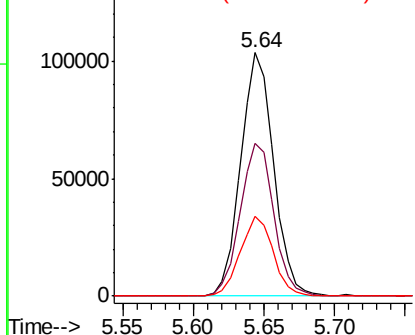
#5

2-Fluorophenol
Concen: 49.872 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037498.D
Acq: 24 Oct 2018 6:22

Tgt Ion:112 Resp: 168900
Ion Ratio Lower Upper
112 100
64 62.6 53.1 79.7
63 32.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.956 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037498.D

Acq: 24 Oct 2018 6:22

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-D-B

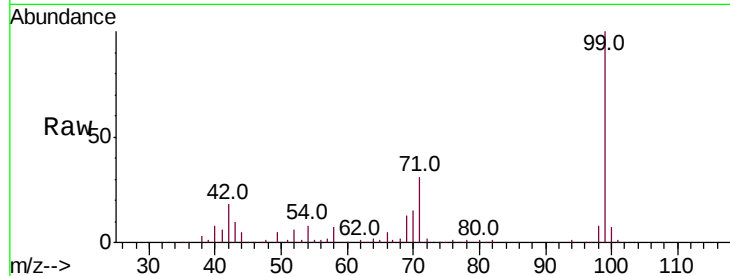
Tot Ion: 99 Resp: 158526

Ion Ratio Lower Upper

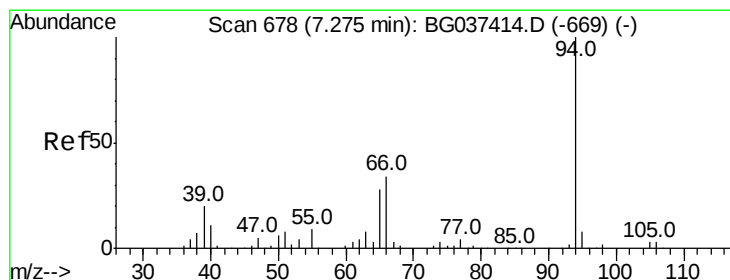
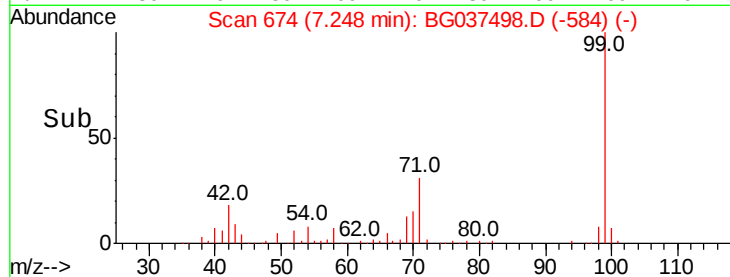
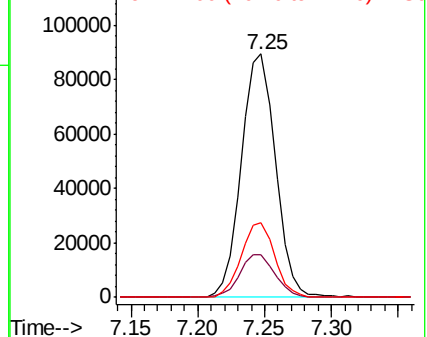
99 100

42 17.7 15.0 22.4

71 30.8 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.508 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037498.D

Acq: 24 Oct 2018 6:22

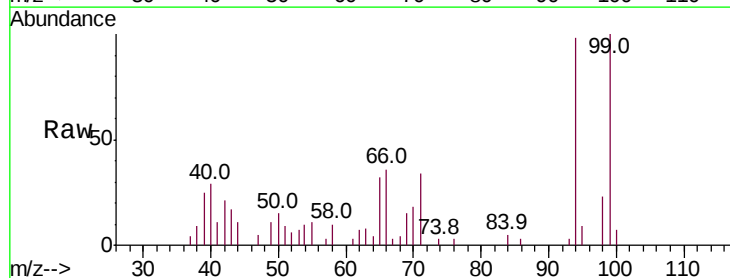
Tgt Ion: 94 Resp: 13550

Ion Ratio Lower Upper

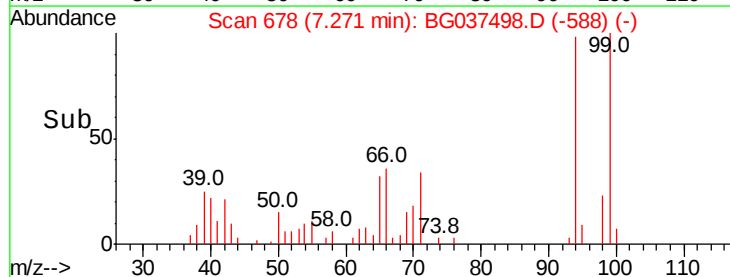
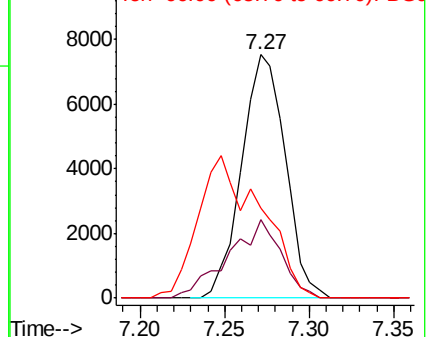
94 100

65 32.4 9.7 49.7

66 36.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

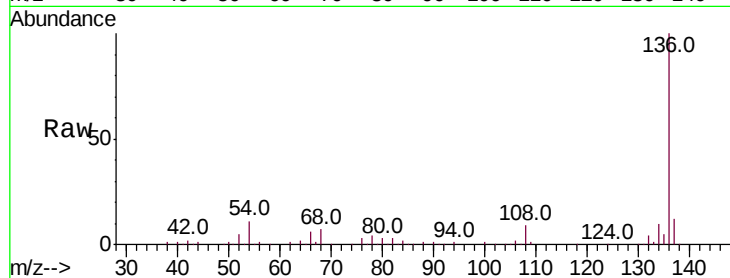




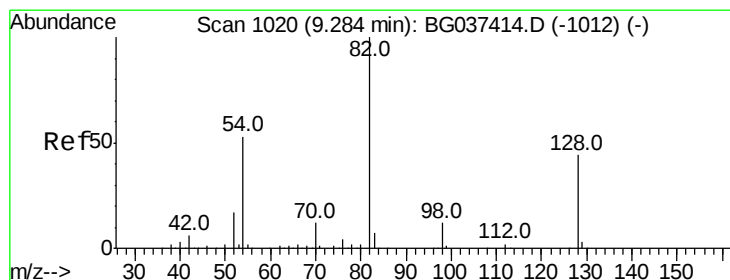
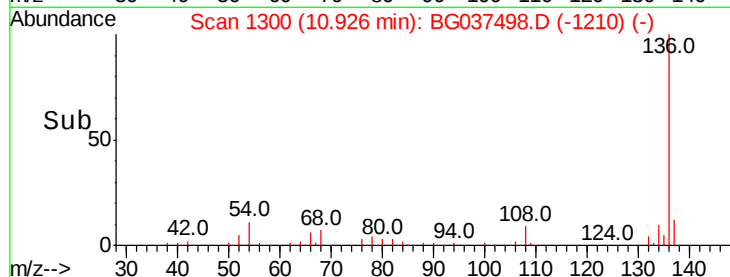
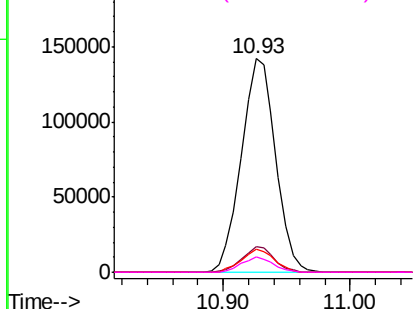
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037498.D
Acq: 24 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :
101918-SIDI-F-D-B

Tot Ion:136	Resp:	265489	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.6	14.4	
54 10.8	7.9	11.9	
68 7.0	4.8	7.2	

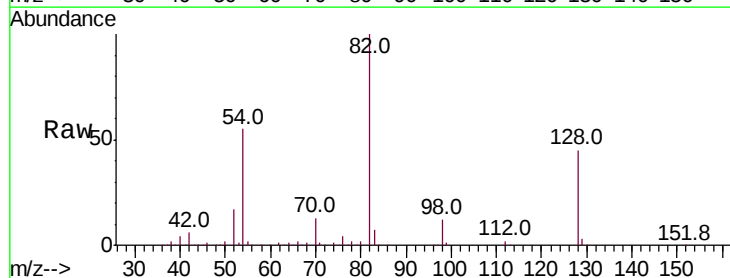


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

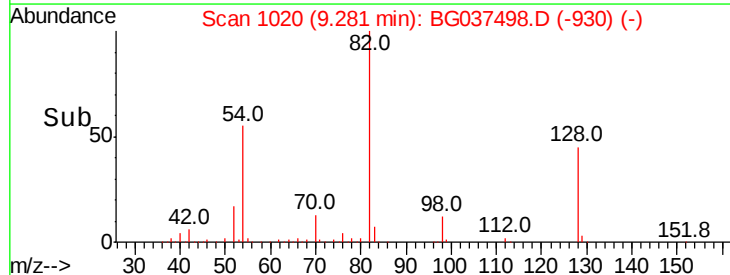
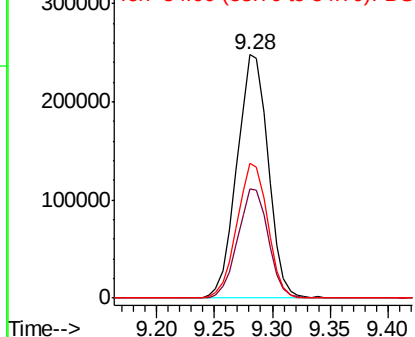


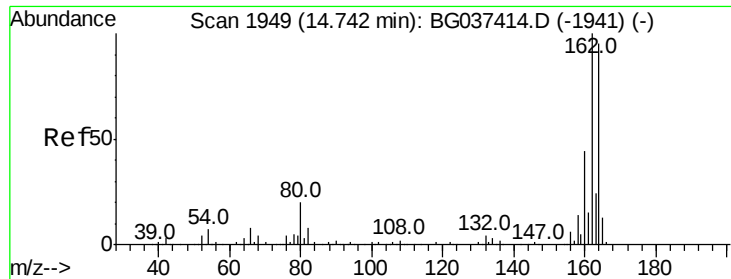
#23
Nitrobenzene-d5
Concen: 98.244 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037498.D
Acq: 24 Oct 2018 6:22

Tgt	Ion: 82	Resp:	465603
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	55.1	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037498.D

Acq: 24 Oct 2018 6:22

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-D-B

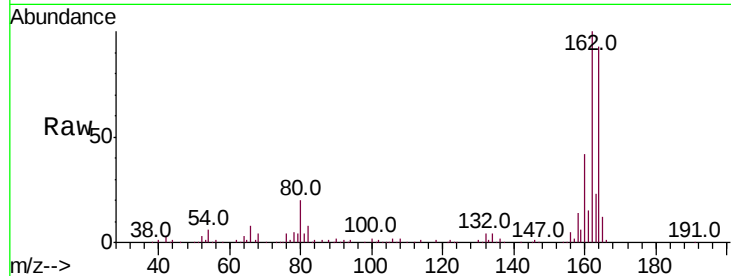
Tot Ion:164 Resp: 178722

Ion Ratio Lower Upper

164 100

162 108.0 81.3 121.9

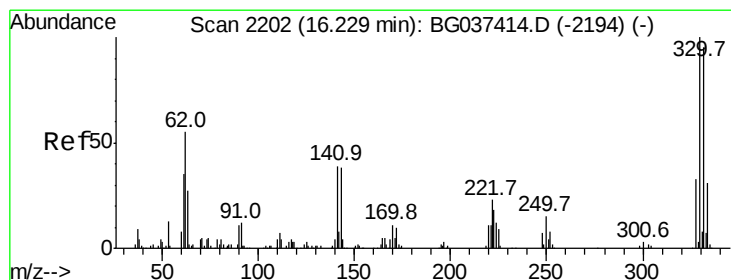
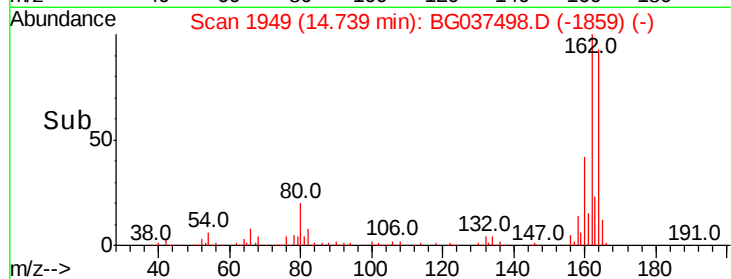
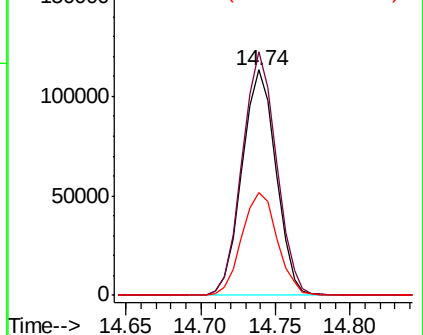
160 45.4 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 104.921 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037498.D

Acq: 24 Oct 2018 6:22

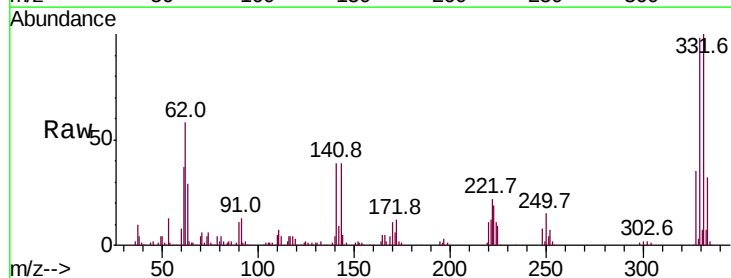
Tgt Ion:330 Resp: 204522

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

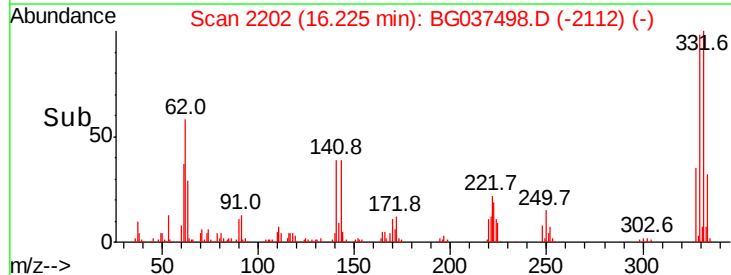
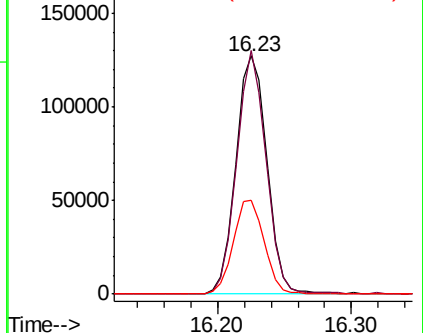
141 39.8 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



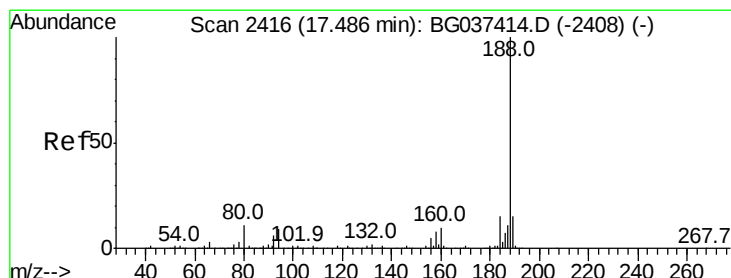
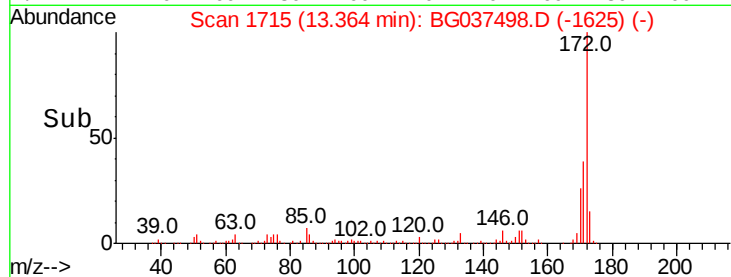
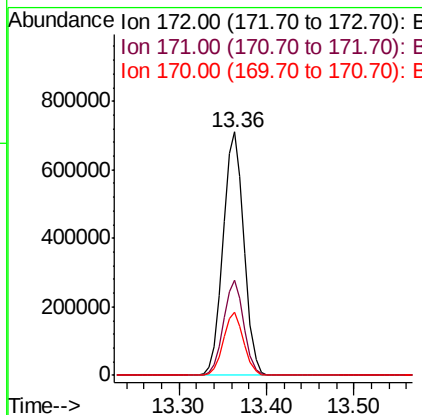
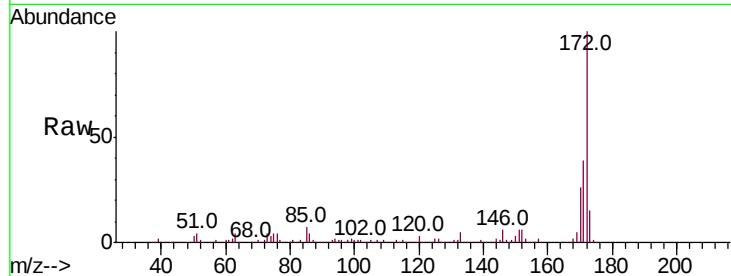


#45
 2-Fluorobiphenyl
 Concen: 98.329 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037498.D
 Acq: 24 Oct 2018 6:22

Instrument :
 BNA_G
 ClientSampleId :
 101918-SIDI-F-D-B

Tot Ion:172 Resp: 1165399

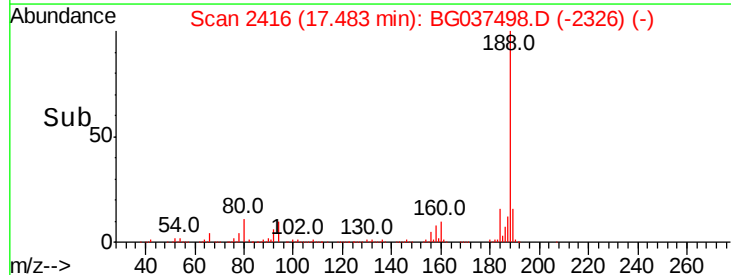
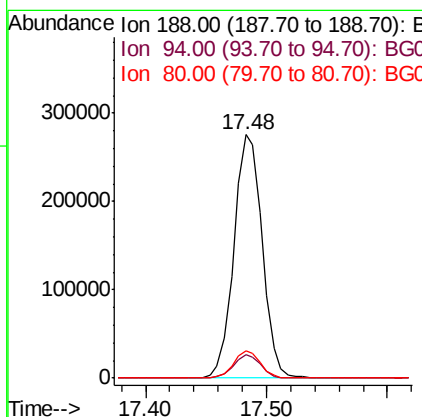
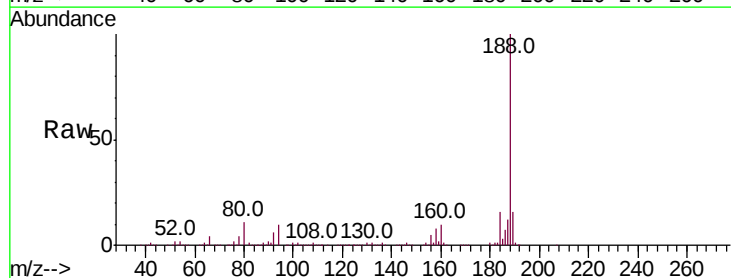
Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.4
170	26.0	20.2	30.2

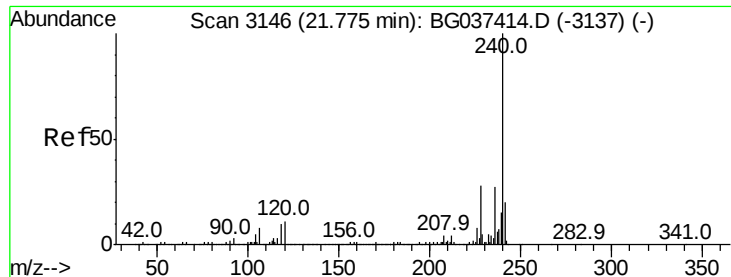


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037498.D
 Acq: 24 Oct 2018 6:22

Tgt Ion:188 Resp: 448078

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	11.3	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037498.D

Acq: 24 Oct 2018 6:22

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-D-B

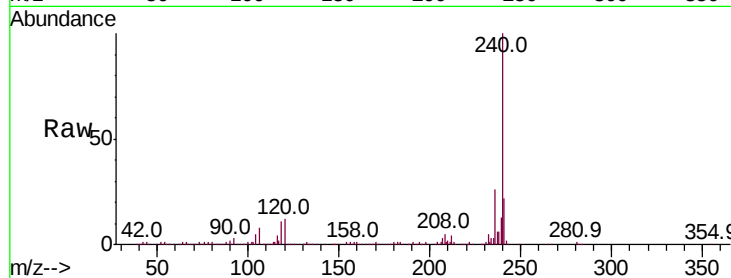
Tot Ion:240 Resp: 403997

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.1	12.1
236	26.1	21.4	32.0

240 100

120 11.9 8.1 12.1

236 26.1 21.4 32.0

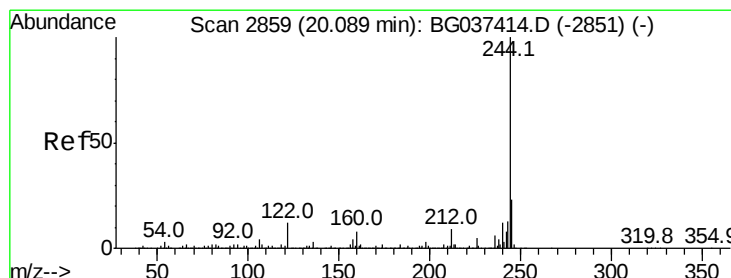
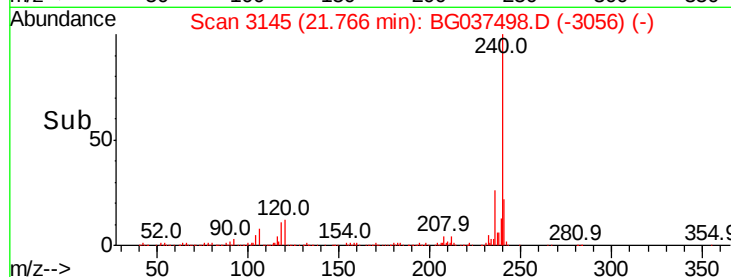
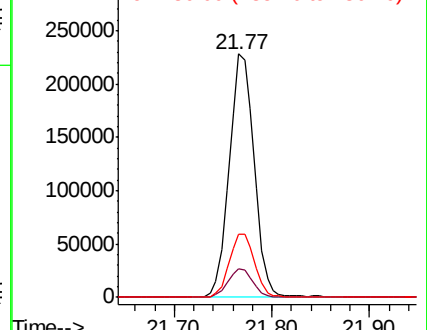


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 82.435 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037498.D

Acq: 24 Oct 2018 6:22

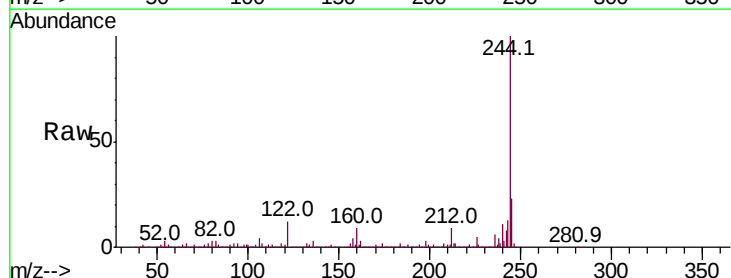
Tgt Ion:244 Resp: 1558595

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.2	9.0	13.4

244 100

212 8.6 6.5 9.7

122 12.2 9.0 13.4

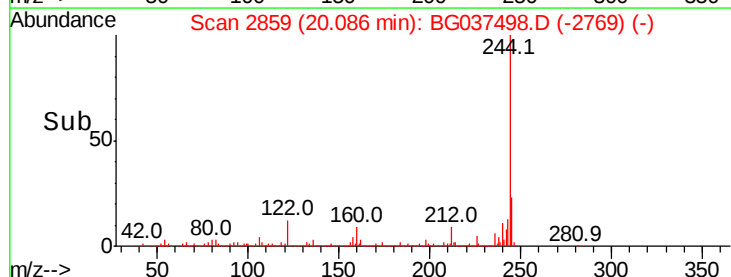
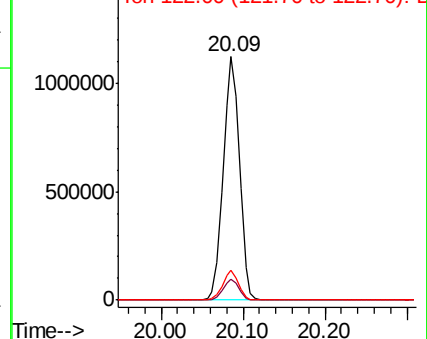


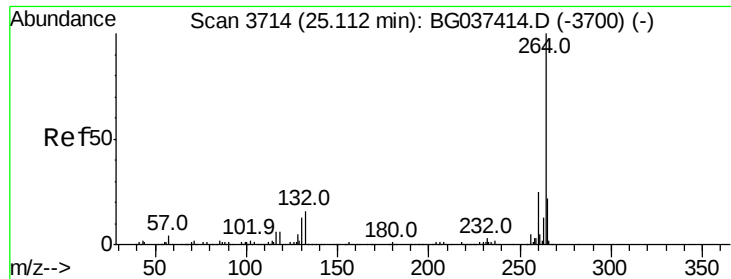
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

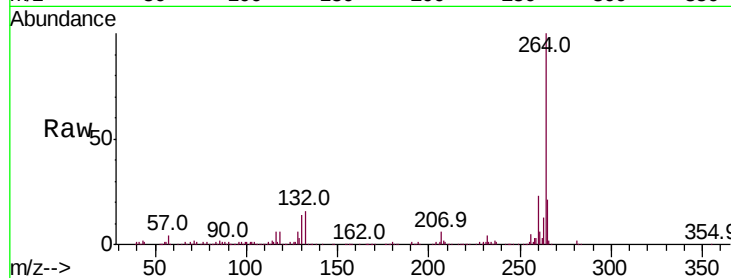




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037498.D
Acq: 24 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :
101918-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.3	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

